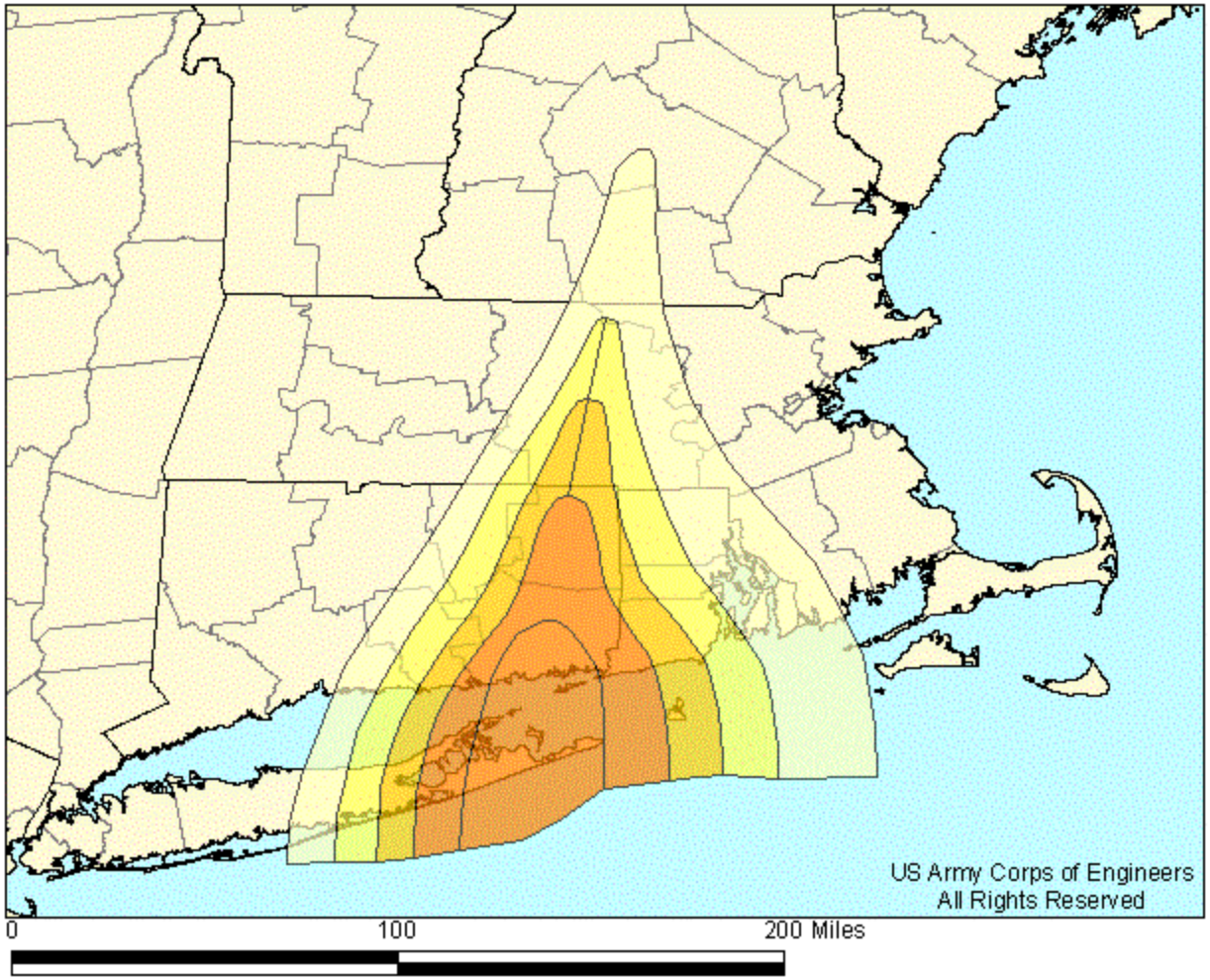
# Hurricane NoName Projected Damage Areas

US Army Corps of Engineers

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Projected Damage Areas*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Projected Damage Areas**

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (1300 EDT 07/30/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

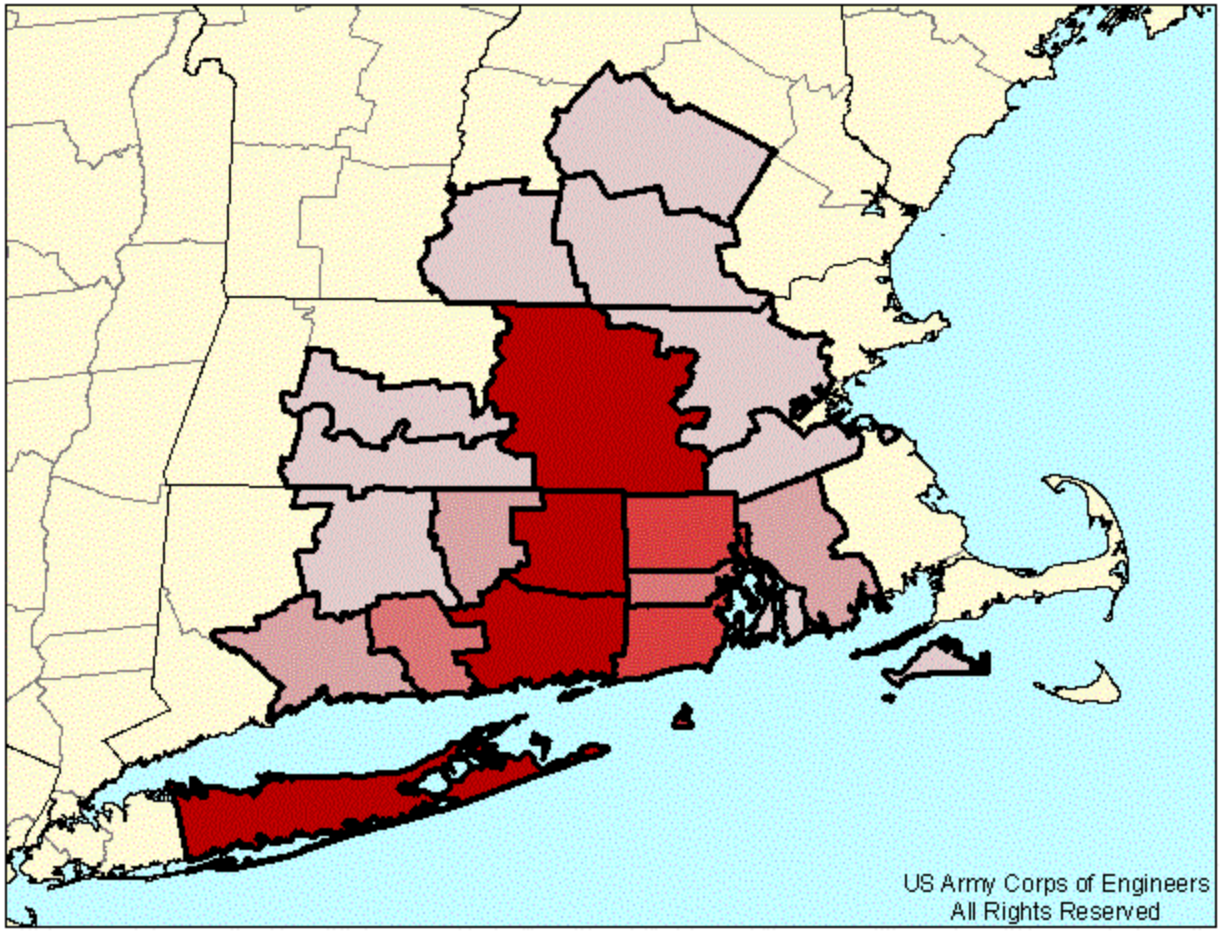
| Hurricane NoName Projected Damage Areas | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 1 of 13 |

US Army Corps of Engineers

# Hurricane NoName Debris Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Debris Model Results*

Connecticut - 6,583,000 Yards
Massachusetts - 2,344,000 Yards
New York - 2,332,000 Yards
Rhode Island - 1,887,000 Yards
New Hampshire - 53,000 Yards

*Model results per County on following page*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Debris**

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (1300 EDT 07/30/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Debris Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 2 of 13 |

US Army Corps of Engineers

# Hurricane NoName Debris Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | Yards per State | County | Yards per County |
|---|---|---|---|
| Connecticut | | Hartford | 66,000 |
| | | Middlesex | 439,000 |
| | | New Haven | 116,000 |
| | | New London | 4,687,000 |
| | | Tolland | 167,000 |
| | | Windham | 1,108,000 |
| Connecticut | 6,583,000 | | |
| | | | |
| Massachusetts | | Bristol | 233,000 |
| | | Dukes | < 1,000 |
| | | Hampden | 17,000 |
| | | Hampshire | 4,000 |
| | | Middlesex | 82,000 |
| | | Norfolk | 53,000 |
| | | Worcester | 1,955,000 |
| Massachusetts | 2,344,000 | | |
| | | | |
| New Hampshire | | Cheshire | < 1,000 |
| | | Hillsborough | 44,000 |
| | | Merrimack | 9,000 |
| New Hampshire | 53,000 | | |
| | | | |
| New York | | Suffolk | 2,332,000 |
| New York | 2,332,000 | | |
| | | | |
| Rhode Island | | Bristol | 45,000 |
| | | Kent | 286,000 |
| | | Newport | 91,000 |
| | | Providence | 641,000 |
| | | Washington | 824,000 |
| Rhode Island | 1,887,000 | | |

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Debris Model**

**Generated By:**
Siemsen, LRL 1330 EDT 07/30/2008

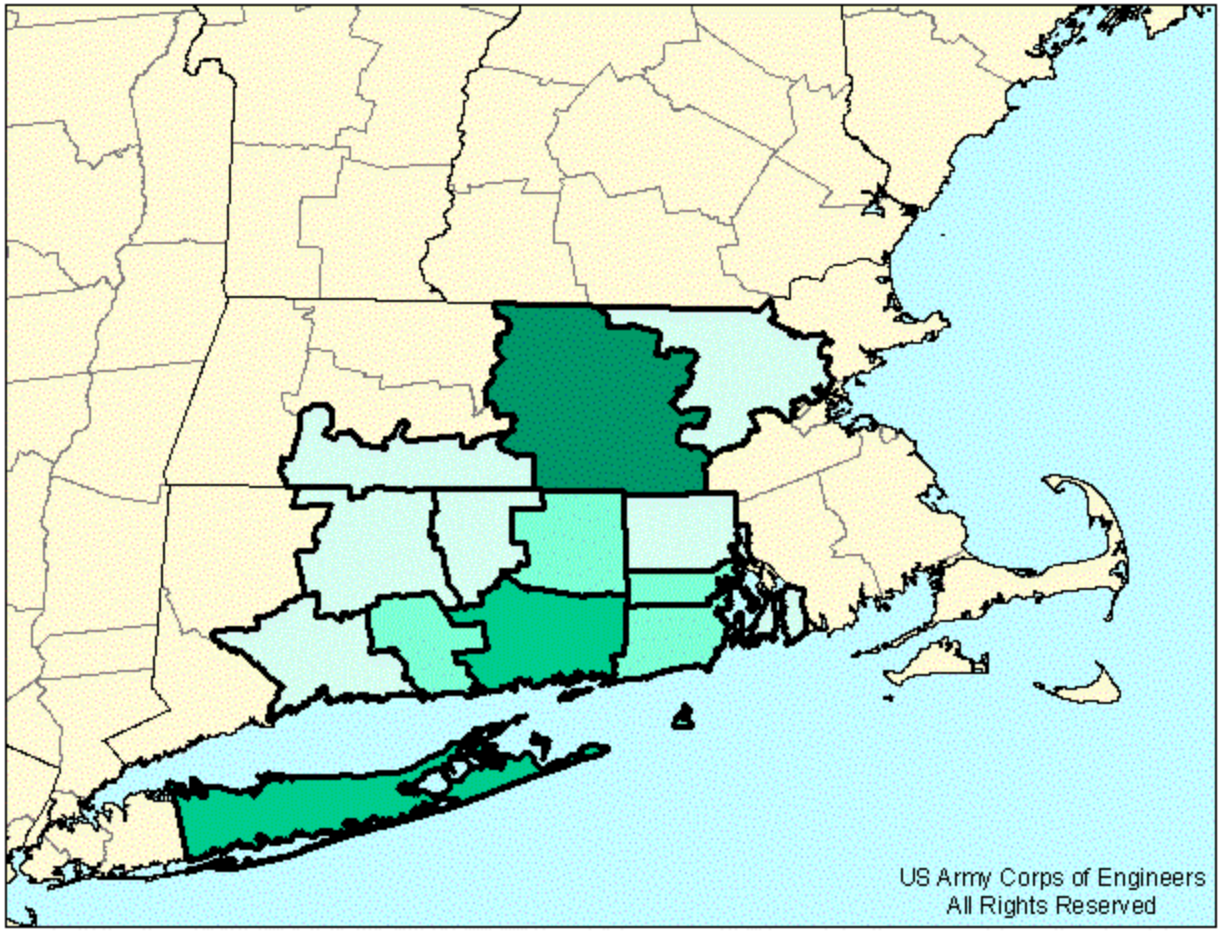
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Commodities Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Water Model Results*

**Day One / Day Two / Day Three**

Connecticut - 35 Truckloads
Massachusetts - 28 Truckloads
Rhode Island - 17 Truckloads
New York - 11 Truckloads

*Model results per County on following page*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Commodities**

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC ***(1300 EDT 07/30/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Commodities Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 4 of 13 |

US Army Corps of Engineers

# Hurricane NoName Commodities Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | Truckloads per State | County | Truckloads per County |
|---|---|---|---|
| Connecticut | | Hartford | 1 |
| | | Middlesex | 5 |
| | | New Haven | 2 |
| | | New London | 16 |
| | | Tolland | 4 |
| | | Windham | 7 |
| Connecticut | 35 | | |
| | | | |
| Massachusetts | | Hampden | 1 |
| | | Middlesex | 1 |
| | | Worcester | 26 |
| Massachusetts | 28 | | |
| | | | |
| New York | | Suffolk | 11 |
| New York | 11 | | |
| | | | |
| Rhode Island | | Kent | 5 |
| | | Newport | 1 |
| | | Providence | 3 |
| | | Washington | 8 |
| Rhode Island | 17 | | |

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Commodities Model**

**Generated By:**
Siemsen, LRL 1330 EDT 07/30/2008

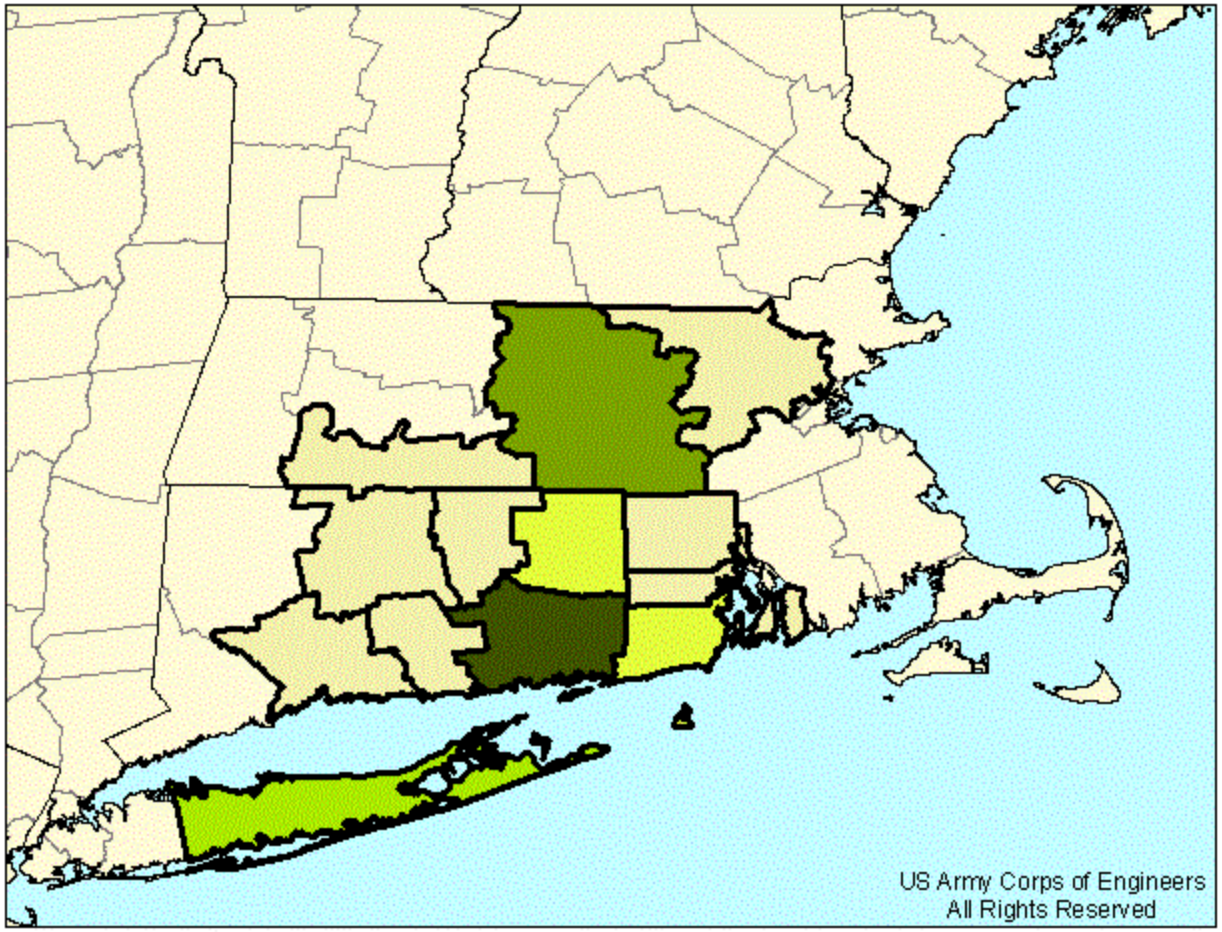
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Temporary Roofing Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Temporary Roofing Model Results*

Connecticut - 17,200
Massachusetts - 6,500
New York - 4,800
Rhode Island - 4,300

*Model results per County on following page*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Temporary Roofing**

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (1300 EDT 07/30/2008) forecast. Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 11% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Roofing Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 6 of 13 |

US Army Corps of Engineers

# Hurricane NoName Temporary Roofing Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | House Units per State | County | House Units per County |
|---|---|---|---|
| Connecticut | | Hartford | < 100 |
| | | Middlesex | 1,600 |
| | | New Haven | 300 |
| | | New London | 10,800 |
| | | Tolland | 700 |
| | | Windham | 3,800 |
| Connecticut | 17,200 | | |
| | | | |
| Massachusetts | | Hampden | < 100 |
| | | Middlesex | < 100 |
| | | Worcester | 6,500 |
| Massachusetts | 6,500 | | |
| | | | |
| New York | | Suffolk | 4,800 |
| New York | 4,800 | | |
| | | | |
| Rhode Island | | Kent | 1,000 |
| | | Newport | < 100 |
| | | Providence | 500 |
| | | Washington | 2,800 |
| Rhode Island | 4,300 | | |

Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 11% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Roofing Model**

**Generated By:**
Siemsen, LRL 1330 EDT 07/30/2008

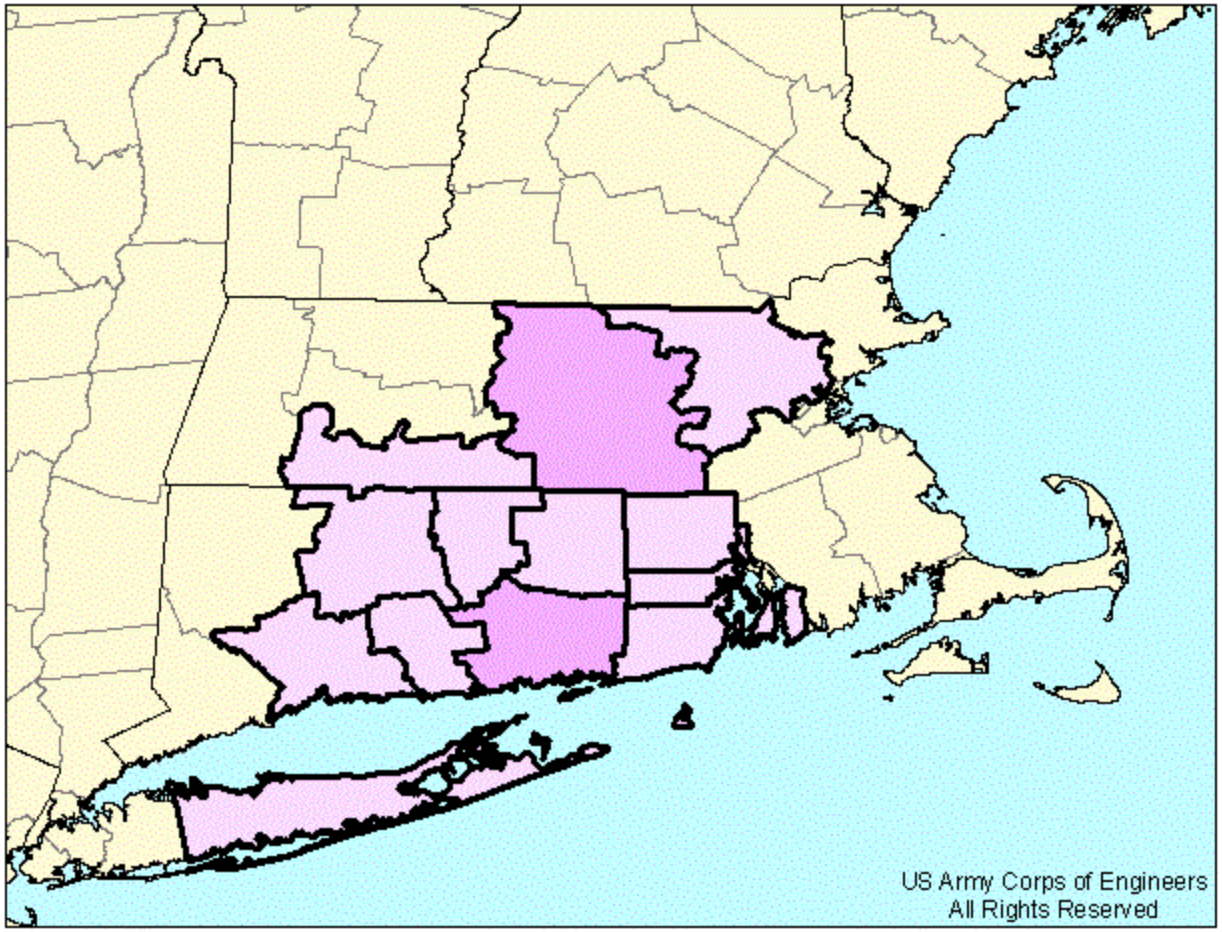
**Sources:**
HURREVAC
LRL-DEBRIS

# Hurricane NoName Temporary Housing Model

US Army Corps of Engineers

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Temporary Housing Model Results*

Connecticut - 6,300
Massachusetts - 2,200
New York - 1,700
Rhode Island - 1,600

*Model results per County on following page*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Temporary Housing**

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (1300 EDT 07/30/2008) forecast. Temporary housing is based on 1% in CAT 1, 2% in CAT 2 and 4% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Housing Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 8 of 13 |

US Army Corps of Engineers

# Hurricane NoName Temporary Housing Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | House Units per State | County | House Units per County |
|---|---|---|---|
| Connecticut | | Hartford | < 100 |
| | | Middlesex | 600 |
| | | New Haven | < 100 |
| | | New London | 4,000 |
| | | Tolland | 300 |
| | | Windham | 1,400 |
| Connecticut | 6,300 | | |
| | | | |
| Massachusetts | | Hampden | < 100 |
| | | Middlesex | < 100 |
| | | Worcester | 2,200 |
| Massachusetts | 2,200 | | |
| | | | |
| New York | | Suffolk | 1,700 |
| New York | 1,700 | | |
| | | | |
| Rhode Island | | Kent | 400 |
| | | Newport | < 100 |
| | | Providence | 200 |
| | | Washington | 1,000 |
| Rhode Island | 1,600 | | |

Temporary housing is based on 1% in CAT 1, 2% in CAT 2 and 4% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Housing Model**

**Generated By:**
Siemsen, LRL 1330 EDT 07/30/2008

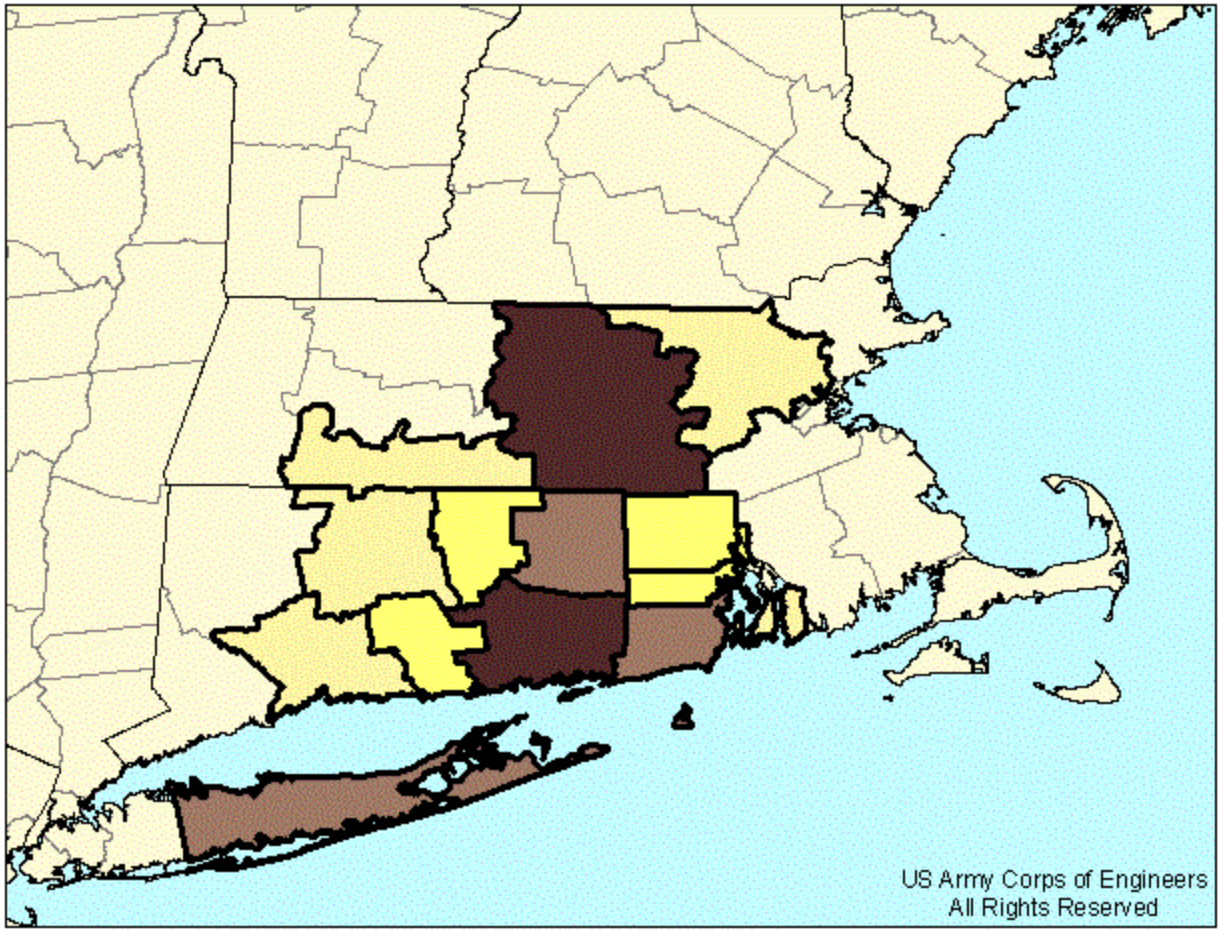
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Population Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Population Model Results*

Connecticut - 546,000
Massachusetts - 439,000
Rhode Island - 244,000
New York - 174,000

*Model results per County on following page*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Population**

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (1300 EDT 07/30/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Population Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 10 of 13 |

US Army Corps of Engineers

# Hurricane NoName Population Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | Population per State | County | Population per County |
|---|---|---|---|
| Connecticut | | Hartford | 4,000 |
| | | Middlesex | 75,000 |
| | | New Haven | 20,000 |
| | | New London | 268,000 |
| | | Tolland | 62,000 |
| | | Windham | 117,000 |
| Connecticut | 546,000 | | |
| | | | |
| Massachusetts | | Hampden | 4,000 |
| | | Middlesex | < 1,000 |
| | | Worcester | 435,000 |
| Massachusetts | 439,000 | | |
| | | | |
| New York | | Suffolk | 174,000 |
| New York | 174,000 | | |
| | | | |
| Rhode Island | | Kent | 77,000 |
| | | Newport | 6,000 |
| | | Providence | 39,000 |
| | | Washington | 122,000 |
| Rhode Island | 244,000 | | |

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Population Model**

**Generated By:**
Siemsen, LRL 1330 EDT 07/30/2008

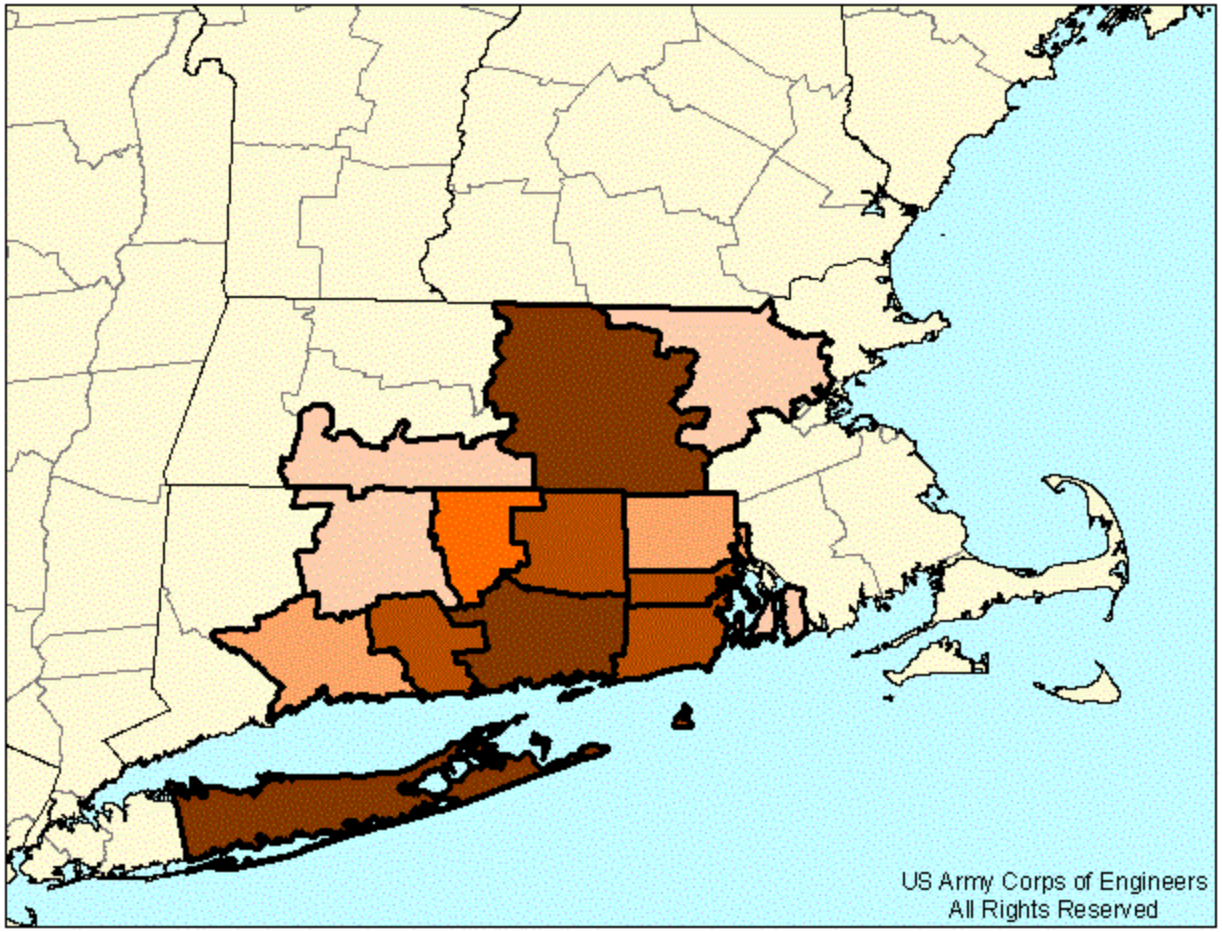
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Households Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




0 100 200 Miles

### *Post Landfall Households Model Results*

Connecticut - 208,000
Massachusetts - 168,000
Rhode Island - 94,000
New York - 67,000

*Model results per County on following page*

This model is based on a Category 3 storm making landfall eastern end of Long Island, NY.

**Households**

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall eastern end of Long Island, NY. These projections are based on information from the NHC (1300 EDT 07/30/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Households Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1330 EDT 07/30/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS |  |

US Army Corps of Engineers

# Hurricane NoName Households Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | Households per State | County | Households per County |
|---|---|---|---|
| Connecticut | | Hartford | 2,000 |
| | | Middlesex | 29,000 |
| | | New Haven | 8,000 |
| | | New London | 103,000 |
| | | Tolland | 21,000 |
| | | Windham | 45,000 |
| Connecticut | 208,000 | | |
| | | | |
| Massachusetts | | Hampden | 2,000 |
| | | Middlesex | < 1,000 |
| | | Worcester | 166,000 |
| Massachusetts | 168,000 | | |
| | | | |
| New York | | Suffolk | 67,000 |
| New York | 67,000 | | |
| | | | |
| Rhode Island | | Kent | 30,000 |
| | | Newport | 3,000 |
| | | Providence | 14,000 |
| | | Washington | 47,000 |
| Rhode Island | 94,000 | | |

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.enqlink.usace.army.mil
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**Hurricane NoName Households Model**

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Siemsen, LRL 1330 EDT 07/30/2008

**Sources:**
HURREVAC
LRL-DEBRIS